

# Contents

Ahmad, S.I., Eisenstark, A.: Thymidine Sensitivity of Certain Strains of <i>Escherichia coli</i> K12 (Short Communication)	229	Imamoto, F., s. Kano, Y.	25
Altruda, F., s. Wetzel, R., et al.	221	Imamoto, F., s. Nakamura, H., et al.	127
Amann, E., s. Mertens, G., et al.	271	Inselburg, J., Ware, P.: A Complementation Analysis of Mobilization Deficient Mutants of the Plasmid ColE1	211
Apirion, D., s. Bailey, S.C.	339	James, A.P., s. Calleja, G.B., et al.	1
Bär, H., s. Klaus, S., et al.	319	Jarry, B.P.: Genetical and Cytological Location of the Structural Parts Coding for the First Three Steps of Pyrimidine Biosynthesis in <i>Drosophila melanogaster</i>	199
Bailey, S.C., Apirion, D.: Repetitive DNA in <i>Escherichia coli</i> : Multiple Sequences Complementary to Small Stable RNAs. (Short Communication)	339	Jayaraman, K., s. Manoharan, H.T.	99
Barnes, W.M., s. Palmer, M.L., et al.	171	Johnson, B.F., s. Calleja, G.B., et al.	1
Bernhard, E., s. Schmitt, R., et al.	53	Johnson, G.B., s. Finnerty, V., et al.	37
Berte, C., Sels, A.: Catalase Anabolism in Yeast: Loss of Regulation by Oxygen of Catalase Apoprotein Synthesis After Mutation	45	Kano, Y., Imamoto, F.: Evidence for Endonucleolytic Cleavage at the 5'-Proximal Segment of the <i>trp</i> Messenger RNA in <i>Escherichia coli</i>	25
Blinkowa, A., Gawecka, G.: Mechanism of Conjugation. II. Characterization of an Hfr <i>dna ts</i> Mutant of <i>Escherichia coli</i> K-12	107	Kano, Y., s. Nakamura, H., et al.	127
Brammar, W.J., s. Windass, J.D.	329	Kennedy, P.J., s. Palmer, M.L., et al.	171
Brown, M.G.M., s. Weston, A., et al.	113	Khan, N.A.: Genetic Control of Maltase Synthesis in Yeast. IV. Function of the MAL4 Gene: Extragenic Suppression of a Maltase Negative Mutant	281
Buckingham, R., s. Gasc, A.M., et al.	295	Kiko, H., Niggemann, E., Rüger, W.: Physical Mapping of the Restriction Fragments Obtained from Bacteriophage T4 dC-DNA with the Restriction Endonucleases <i>Sma</i> I, <i>Kpn</i> I and <i>Bgl</i> II	303
Calleja, G.B., Johnson, B.F., Zuker, M., James, A.P.: The Mating System of a Homothallic Fission Yeast	1	Kiss, Z.R., s. Maliga, P., et al.	13
Denhardt, D.T., s. Hours, C.	73	Klaus, S., Triebel, H., Hartmann, M., Walter, A., Walter, F., Zöpel, P., Bär, H., Hradečna, Z.: Molecular Characterization of the Genomes of Actinophages SH3, SH10, SH11, and SH12 Infecting <i>Streptomyces hygroscopicus</i>	319
Dix, P.J., s. Maliga, P., et al.	13	Kohli, J., s. Wetzel, R., et al.	221
Dobson, P.P., s. Walker, G.C.	17	Kreber, R.A., s. Liu, C.-P., et al.	203
Domaradsky, I.V., s. Sabelnikov, A.G.	313	Kushner, S.R., s. Hautala, J.A., et al.	93
Egan, J.B., s. Finnegan, J.	287	Kusuda, J., s. Sugiura, M.	137
Eisenstark, A., s. Ahmad, S.I.	229	Lam, B., s. Georgopoulos, C.P., et al.	143
Fábry, M., s. Sedláček, J., et al.	31	Lázár, G., s. Maliga, P., et al.	13
Feiss, M., s. Georgopoulos, C.P., et al.	143	Lazowska, J.: Electron Microscopic Analysis of the Yeast Mitochondrial DNA Segment Conferring Chloramphenicol Resistance	81
Finnegan, J., Egan, J.B.: Physical Map of the Coliphage 186 Chromosome. I. Gene Content of the <i>Bam</i> HI, <i>Pst</i> I and Other Restriction Fragments	287	Leach, D., Symonds, N.: The Isolation and Characterisation of a Plaque-Forming Derivative of Bacteriophage Mu Carrying a Fragment of Tn 3 Conferring Ampicillin Resistance	179
Finnerty, V., McCarron, M., Johnson, G.B.: Gene Expression in <i>Drosophila</i> : Post-Translational Modification of Aldehyde Oxidase and Xanthine Dehydrogenase	37	Liu, C.-P., Kreber, R.A., Valencia, J.I.: Effects on Eye Color Mediated by DNA Injection into <i>Drosophila</i> Embryos	203
Gaillardin, C., Heslot, H.: Evidence for Mutations in the Structural Gene for Homocitrate Synthase in <i>Saccharomyces lipolytica</i>	185	Loewe, H., s. Vaughan, P.R., et al.	259
Gargiulo, G., s. Malva, C., et al.	67	Louarn, J., Patte, J., Louarn, J.-M.: Map Position of the Replication Terminus on the <i>Escherichia coli</i> Chromosome	7
Gasc, A.M., Vacher, J., Buckingham, R., Sicard, A.M.: Characterization of an Amber Suppressor in <i>Pneumococcus</i>	295	Louarn, J.-M., s. Louarn, J., et al.	7
Gawecka, G., s. Blinkowa, A.	107	Lundquist-Heil, A., s. Georgopoulos, C.P., et al.	143
Georgopoulos, C.P., Lam, B., Lundquist-Heil, A., Rudolph, C.F., Yochem, J., Feiss, M.: Identification of the <i>E. coli</i> <i>dnaK</i> ( <i>groPC756</i> ) Gene Product	143	Maliga, P., Kiss, Z.R., Dix, P.J., Lázár, G.: A Streptomycin-Resistant Line of <i>Nicotiana sylvestris</i> Unable to Flower	13
Giles, N.H., s. Hautala, J.A., et al.	93	Malva, C., Gargiulo, G., Mantia, G. La: Different Behaviour of <i>Xbb</i> <sup>+</sup> and <i>Xbb</i> Chromosomes in <i>D. melanogaster</i> with Only One Nucleolus Organizer	67
Giudice, L. Del, Wolf, K., Sassone-Corsi, P., Mazza, A.: 2 µm Covalently Closed Non-Mitochondrial Circular DNA in the Petite-Negative Yeast <i>Schizosaccharomyces pombe</i>	165	Manoharan, H.T., Jayaraman, K.: Mapping of the Loci Involved in the Catabolic Oxidation of L-Hydroxyproline in <i>Pseudomonas aeruginosa</i> PAO	99
Goldman, S.L., s. McKinley, C.M.	119	Mantia, G. La, s. Malva, C., et al.	67
Hartmann, M., s. Klaus, S., et al.	319	Mattes, R., s. Schmitt, R., et al.	53
Hautala, J.A., Schweizer, M., Giles, N.H., Kushner, S.R.: Constitutive Expression in <i>Escherichia coli</i> of the <i>Neurospora crassa</i> Structural Gene Encoding the Inducible Enzyme Catabolic Dehydroquinase	93	Mazza, A., s. Giudice, L. Del, et al.	165
Heslot, H., s. Gaillardin, C.	185	McCarron, M., s. Finnerty, V., et al.	37
Hinkle, D., s. Prakash, L., et al.	249	McKinley, C.M., Goldman, S.L.: The Interchromosomal Effect of Inversions in Maize	119
Hours, C., Denhardt, D.T.: "Nick Translation" in <i>Escherichia coli</i> <i>rep</i> Strains Deficient in DNA Polymerase I Activities	73	McPartland, A., s. Nakamura, H., et al.	127
Hradečna, Z., s. Klaus, S. et al.	319		
Humphreys, G.O., s. Weston, A., et al.	113		

Mertens, G., Amann, E., Reeve, J.N.: Bacteriophage SP01 Polypeptides Synthesized in Infected Minicells and in vitro . . . . .	271	Shaw, J.E., s. Reeve, J.N. . . . .	243
Morita, M., s. Oka, A., et al. . . . .	151	Shub, D.A., Swanton, M., Smith, D.H.: The Nature of Transcription Selectivity of Bacteriophage SP01-Modified RNA Polymerase . . . . .	193
Nagley, P., s. Vaughan, P.R., et al. . . . .	259	Sicard, A.M., s. Gasc, A.M., et al. . . . .	295
Nakamura, H., Kano, Y., Schlessinger, D., Imamoto, F., McPartland, A., Somerville, R.L.: Translation-Uncoupled Transcription of Promoter-Proximal DNA Sequences in <i>E. coli</i> Strains Harboring Mutationally-Generated Constitutive Promoters within Genes of the <i>trp</i> Operon . . . . .	127	Smith, D.H., s. Shub, D.A., et al. . . . .	193
Niggemann, E., s. Kiko, H., et al. . . . .	303	Söll, D., s. Wetzel, R., et al. . . . .	221
Nomura, N., s. Oka, A., et al. . . . .	151	Somerville, R.L., s. Nakamura, H., et al. . . . .	127
Noller, H.F., s. Palmer, M.L., et al. . . . .	171	Strauss, A.: The Genetic Fine Structure of the Complex Locus <i>aro3</i> Involved in Early Aromatic Acid Biosynthesis in <i>Schizosaccharomyces pombe</i> . . . . .	233
Oka, A., Nomura, N., Morita, M., Sugisaki, H., Sugimoto, K., Takanami, M.: Nucleotide Sequence of Small ColEI Derivatives: Structure of the Regions Essential for Autonomous Replication and Colicin EI Immunity . . . . .	151	Sugimoto, K., s. Oka, A., et al. . . . .	151
Palmer, M.L., Raker, M.A., Kennedy, P.J., Young, J.W., Barnes, W.M., Rodriguez, R.L., Noller, H.F.: Isolation and Restriction Mapping of Plasmids Containing Ribosomal DNA Sequences from the <i>rrn</i> B Cistron of <i>E. coli</i> . . . . .	171	Sugisaki, H., s. Oka, A., et al. . . . .	151
Patte, J., s. Louarn, J., et al. . . . .	7	Sugiura, M., Kusuda, J.: Molecular Cloning of Tobacco Chloroplast Ribosomal RNA Genes . . . . .	137
Prakash, L., Hinkle, D., Prakash, S.: Decreased UV Mutagenesis in <i>cde8</i> , a DNA Replication Mutant of <i>Saccharomyces cerevisiae</i> . . . . .	249	Swanton, M., s. Shub, D.A., et al. . . . .	193
Prakash, S., s. Prakash, L., et al. . . . .	249	Symonds, N., s. Leach, D. . . . .	179
Raker, M.A., s. Palmer, M.L., et al. . . . .	171	Takanami, M., s. Oka, A., et al. . . . .	151
Reeve, J.N., Shaw, J.E.: Lambda Encodes an Outer Membrane Protein: The <i>lom</i> Gene . . . . .	243	Triebel, H., s. Klaus, S., et al. . . . .	319
Reeve, J.N., s. Mertens, G., et al. . . . .	271	Vacher, J., s. Gasc, A.M., et al. . . . .	285
Rodriguez, R.L., s. Palmer, M.L., et al. . . . .	171	Valencia, J.I., s. Liu, C.-P., et al. . . . .	203
Rudolph, C.F., s. Georgopoulos, C.P., et al. . . . .	143	Vaughan, P.R., Loewe, H., Nagley, P.: Studies on the Induction of Petite Mutants in Yeast by Analogues of Berenil. Characterization of Three Mutants Resistant to the Compound Hoe 15 030 . . . . .	259
Rüger, W., s. Kiko, H., et al. . . . .	303	Vitek, A., s. Sedláček, J., et al. . . . .	31
Rychlík, I., s. Sedláček, J., et al. . . . .	31	Volný, D., s. Sedláček, J., et al. . . . .	31
Sabelnikov, A.G., Domaradsky, I.V.: Proton Conductor vs. Cold Induction of $Ca^{2+}$ -Dependent Competence in <i>Escherichia coli</i> . . . . .	313	Walker, G.C., Dobson, P.P.: Mutagenesis and Repair Deficiencies of <i>Escherichia coli umuC</i> Mutants are Suppressed by the Plasmid pKM101 . . . . .	17
Santamaria, P.: Heat Shock Induced Phenocopies of Dominant Mutants of the Bithorax Complex in <i>Drosophila melanogaster</i> . . . . .	161	Walter, A., s. Klaus, S., et al. . . . .	319
Sassone-Corsi, P., s. Giudice, L. Del, et al. . . . .	165	Walter, F., s. Klaus, S., et al. . . . .	319
Saunders, J.R., s. Weston, A., et al. . . . .	113	Ware, P., s. Inselburg, J. . . . .	211
Schlessinger, D., s. Nakamura, H., et al. . . . .	127	Weston, A., Humphreys, G.O., Brown, M.G.M., Saunders, J.R.: Simultaneous Transformation of <i>Escherichia coli</i> by Pairs of Compatible and Incompatible Plasmid DNA Molecules . . . . .	113
Schmitt, R., Bernhard, E., Mattes, R.: Characterisation of Tn1721, a New Transposon Containing Tetracycline Resistance Genes Capable of Amplification . . . . .	53	Wetzel, R., Kohli, J., Altruda, F., Söll, D.: Identification and Nucleotide Sequence of the <i>sup8-e</i> UGA-Suppressor Leucine tRNA from <i>Schizosaccharomyces pombe</i> . . . . .	221
Schweizer, M., s. Hautala, J.A., et al. . . . .	93	Windass, J.D., Brammar, W.J.: Aberrant Immunity Behaviour of Hybrid <i>λ</i> imm <sup>21</sup> Phages Containing the DNA of ColEI-Type Plasmids . . . . .	329
Sedláček, J., Fábry, M., Rychlík, I., Volný, D., Vitek, A.: The Arrangement of Nucleotides in the Coding Regions of Natural Templates . . . . .	31	Wolf, K., s. Giudice, L. Del, et al. . . . .	165
Sels, A., s. Berte, C. . . . .	45	Yochem, J., s. Georgopoulos, C.P., et al. . . . .	143
		Young, J.W., s. Palmer, M.L., et al. . . . .	171
		Zöpel, P., s. Klaus, S., et al. . . . .	319
		Zuker, M., s. Calleja, G.B., et al. . . . .	1

